



AGENDA MEMORANDUM

Action Item for the City Council Meeting September 17, 2024

DATE: September 17, 2024

TO: Peter Zanoni, City Manager

FROM: Peter Collins, Director of Information Technology
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Amendment to Samsara Software License
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CAPTION:

Motion authorizing execution of Amendment No. 2 to the Cooperative Purchase Agreement with Samsara, Inc. extending the term three years and for additional fleet tracking hardware and software licenses for internal operational trucks for \$202,383.96, and a total contract amount not to exceed \$251,135.46, with FY2024 funding of \$67,555.32 from the General Fund.

SUMMARY:

This motion authorizes a 36-month service agreement to purchase licenses, hardware, and accessories for dual-facing dash camera safety and asset tracking system for the vehicles operated by the Solid Waste Department. Of the department's approximately 200 motor vehicular assets, 150 are commonly utilized for over-the-road transportation. This motion would renew the current contract and add 32 new licenses to the Solid Waste Department's fleet so that every over-the-road unit will have a camera and tracking software. This system provides real-time visibility into the safety and operational practices of the drivers and equipment. This data will assist in documenting unsafe driving behaviors and will help the Solid Waste staff correct and potentially stop preventable vehicle accidents.

BACKGROUND AND FINDINGS:

The Solid Waste department has approximately 200 motor vehicular assets in the fleet, including light and heavy equipment. The type of equipment includes service trucks, automated garbage trucks, brush trucks, and tractor-trailers.

Of the approximately 200 assets, 150 are commonly utilized for over-the-road transportation. This motion would renew the current contract and add 32 new licenses to our fleet so that every over-the-road unit will be equipped with a camera and tracking software. The program provides both safety and operational benefits that would include a reduction in vehicle incidents, an increase in productivity, a decrease in vehicle maintenance costs, and improved proactive vehicle maintenance.

The video-based system will detect driver risk, empower drivers to build safe habits, coach drivers with custom training, and limit risk and exposure. In addition to the video-based safety system, the platform includes vehicle telematics, equipment operation, and maintenance monitoring. Vehicle telematics will optimize fleet operations, assist with maintenance scheduling, and the use of vehicular assets. In the previous year, Solid Waste units that had cameras and the software installed showed a 63% reduction in total safety events. Safety events consisted of distracted driving, harsh events, collision risks, and policy violations.

Supervisors are notified by the Samsara system when specific events are observed. This system allows supervisors to address the behavior in a timely manner. The data collected indicated that observable risk factors were reduced more quickly when vehicle operators receive prompt coaching from their supervisors. Additionally, this video-based system will identify concerning driving practices, decrease preventable/at-fault accidents, protect and exonerate the driver and department when not at fault, and allow supervise to provide more individualized training for employees.

ALTERNATIVES:

An alternative to establishing this service agreement would be not to renew or add to the existing contract.

FISCAL IMPACT:

The fiscal impact for Solid Waste Services in FY 2024 is \$67,555.32.

FUNDING DETAIL:

Fund:	1020 General Fund
Organization/Activity:	12504 JC Elliott Transfer Station
Dept:	31 Solid Waste Services
Project # (CIP Only):	
Account:	\$15,226.44

Fund:	1020 General Fund
Organization/Activity:	12506 Cefe Valenzuela Landfill

Dept: 31 Solid Waste Services
Project # (CIP Only):
Account: \$6,223.32

Fund: 1020 General Fund
Organization/Activity: 12510 Refuse Collection
Dept: 31 Solid Waste Services
Project # (CIP Only):
Account: \$4,326.00

Fund: 1020 General Fund
Organization/Activity: 12511 Brush Collection
Dept: 31 Solid Waste Services
Project # (CIP Only):
Account: \$30,305.16

Fund: 1020 General Fund
Organization/Activity: 12512 Recycling Collection
Dept: 31 Solid Waste Services
Project # (CIP Only):
Account: \$618.00

Fund: 1020 General Fund
Organization/Activity: 12513 Sludge Hauling
Dept: 31 Solid Waste Services
Project # (CIP Only):
Account: \$7,325.52

Fund: 1020 General Fund
Organization/Activity: 12514 Compliance
Dept: 31 Solid Waste Services
Project # (CIP Only):
Account: \$3,530.88

RECOMMENDATION:

Staff recommends approval of this amendment as presented.

LIST OF SUPPORTING DOCUMENTS:

Amendment No. 2